

**IN THE UNITED STATES DISTRICT COURT  
FOR THE WESTERN DISTRICT OF ARKANSAS  
TEXARKANA DIVISION**

**INDUSTRIAL TECHNOLOGY  
RESEARCH INSTITUTE,**

***Plaintiff,***

V.

**SAMSUNG ELECTRONICS  
AMERICA, INC.,  
SAMSUNG TELECOMMUNICATIONS  
AMERICA, L.P., AND  
SAMSUNG ELECTRONICS CO., LTD.**

***Defendants.***

**PLAINTIFF'S FIRST AMENDED COMPLAINT  
FOR PATENT INFRINGEMENT AND JURY DEMAND**

Plaintiff Industrial Technology Research Institute (“ITRI”) brings this action for patent infringement against Samsung Electronics America, Inc., Samsung Telecommunications America, L.P., and Samsung Electronics Co., Ltd., (collectively, “Samsung”) as follows:

## I. THE PARTIES

1. Plaintiff Industrial Technology Research Institute (“ITRI”) is Taiwan’s scientific research institution having a principal address of 195, Section 4, Chung Hsing Road, Chutung, Hsinchu, Taiwan 31040, Republic of China.

2. Upon information and belief, Samsung Electronics America, Inc. is, and at all relevant times mentioned herein was, a corporation organized under the laws of New

York, having its principal place of business at 105 Challenger Road, Ridgefield Park, New Jersey 07660.

3. Upon information and belief, Samsung Telecommunications America, L.P. is, and at all relevant times mentioned herein was, a limited liability company organized under the laws of Delaware, having a principal place of business at 1301 East Lookout Drive, Richardson, Texas 75082.

4. Upon information and belief, Samsung Electronics Co., Ltd. is, and at all relevant times mentioned herein was, a corporation organized under the laws of Korea, having its principal place of business at Samsung Main Building, 250, Taepyeongno 2-ga, Jung-gu, Seoul 100-742 Korea. Upon information and belief, Samsung Electronics Co., Ltd. is a nonresident of Arkansas that engages in business in this state, but does not maintain a regular place of business in this state or a designated agent for service of process in this state. Samsung Electronics Co., Ltd. may be served with process in Korea pursuant to the Hague Convention on the Service Abroad of Judicial and Extrajudicial Documents. Samsung Electronics America, Inc., Samsung Telecommunications America, L.P., and Samsung Electronics Co., Ltd. are collectively referred to herein as "Samsung."

## **II. JURISDICTION AND VENUE**

5. This is an action for patent infringement arising under the patent laws of the United States, Title 35, United States Code. The Court's jurisdiction is proper under the above statutes, including 35 U.S.C. § 271 et. seq., and 28 U.S.C. §§ 1331 and 1338(a).

6. This Court has personal jurisdiction over each Defendant. Each Defendant has conducted and does conduct business within the State of Arkansas. Each Defendant, directly or through intermediaries (including distributors, retailers, and others), ships, distributes, offers for sale, and sells its products in the United States, the State of Arkansas, and the Western District of Arkansas. Each Defendant has purposefully and voluntarily placed one or more of its infringing products, as described below, into the stream of commerce with the expectation that they will be purchased by consumers in the Western District of Arkansas. These infringing products have been and continue to be purchased by consumers in the Western District of Arkansas. Each Defendant has committed the tort of patent infringement within the State of Arkansas and, more particularly, within the Western District of Arkansas.

7. Venue is proper in this Court under 28 U.S.C. §§ 1391(b), (c), and (d), as well as 28 U.S.C. § 1400(b), in that, on information and belief, each Defendant has committed acts within this judicial district giving rise to this action and does business in this district, including making sales and/or providing service and support for their respective customers in this district.

### **III. PATENT INFRINGEMENT**

8. On October 1, 2002, the United States Patent and Trademark Office (“USPTO”) issued U.S. Patent No. 6,459,413, entitled “Multi-Frequency Band Antenna” (hereinafter “the ‘413 patent”). A true and correct copy of the ‘413 patent, including the certificates of correction that issued on May 5, 2009 and July 21, 2009, respectively, is attached hereto as Exhibit A.

9. ITRI is the patentee and owner of all right, title, and interest in and to the '413 patent, with full right to bring suit to enforce the patent, including the right to recover for past infringement damages and the right to recover future royalties, damages, and income.

10. The '413 patent is valid and enforceable.

11. All requirements under 35 U.S.C. § 287 have been satisfied with respect to the '413 patent.

12. Samsung has been and is infringing the '413 patent by making, using, selling, offering for sale, and/or importing in or into the United States, without authority, products that fall within the scope of the claims of the '413 patent, including but not limited to mobile telephones such as Samsung models i607 and Samsung D520.

13. Samsung has been and is continuing to induce infringement of the '413 patent under 35 U.S.C. § 271(b) and contributes to the infringement of the '413 patent under 35 U.S.C. § 271(c), in conjunction with such acts of making, using, offering for sale, and/or importing in or into the United States, without authority, instrumentalities that fall within the scope of one or more claims of each of the '413 patent. The infringing instrumentalities have no substantial non-infringing uses.

14. Samsung had and continues to have actual knowledge of the '413 patent and their coverage of Samsung's infringing instrumentalities, but has nonetheless engaged in the infringing conduct. Samsung's infringement of the '413 patent was and continues to be willful.

15. As a direct and proximate result of Samsung's acts of patent infringement, ITRI has been and continues to be injured and has sustained and will continue to sustain substantial damages.

16. Unless Samsung is enjoined by this Court from continuing their infringement of the '413 patent, ITRI will suffer additional irreparable harm and impairment of the value of its patent rights.

17. ITRI has incurred and will incur attorneys' fees, costs, and expenses in the prosecution of this action. The circumstances of this dispute create an exceptional case within the meaning of 35 U.S.C. § 285, and ITRI is entitled to recover its reasonable and necessary attorneys' fees, costs, and expenses.

#### **IV. PRAYER FOR RELIEF**

ITRI prays for the following relief:

A. A judgment that each Defendant has infringed and continues to infringe the '413 patent as alleged herein, directly and/or indirectly by way of inducing or contributing to infringement of the '413 patent;

B. A judgment for an accounting of all damages sustained by ITRI as a result of the acts of infringement by each Defendant;

C. A judgment and order requiring each Defendant to pay ITRI damages under 35 U.S.C. § 284, including treble damages for willful infringement as provided by 35 U.S.C. § 284, and supplemental damages for any continuing post-verdict infringement up until entry of the final judgment with an accounting as needed, and any royalties determined to be appropriate;

D. A judgment and order requiring each Defendant to pay ITRI pre-judgment and post-judgment interest on the damages awarded;

E. A judgment and order finding this to be an exceptional case and requiring each Defendant to pay the costs of this action (including all disbursements) and attorneys' fees as provided by 35 U.S.C. § 285;

F. A preliminary and thereafter a permanent injunction against each Defendant's direct infringement, active inducements of infringement, and/or contributory infringement of the '413 patent, as well as against each Defendant's agents, employees, representatives, successors, and assigns, and those acting in privity or in concert with them; and

G. Such other and further relief as the Court deems just and equitable.

#### **V. JURY DEMAND**

ITRI hereby demands that all issues be determined by jury.

Dated: July 31, 2009

Respectfully submitted,

By: /s/ Richard A. Adams

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